|           |          |               |          |           |          |              |              |  |          | 09/913,427<br>Examiner |                             |          |         |                 |          |          |              |              |                     |              |              | YOUNG ET AL. |      |       |            |          |               |          |          |          |              |               |  |              |
|-----------|----------|---------------|----------|-----------|----------|--------------|--------------|--|----------|------------------------|-----------------------------|----------|---------|-----------------|----------|----------|--------------|--------------|---------------------|--------------|--------------|--------------|------|-------|------------|----------|---------------|----------|----------|----------|--------------|---------------|--|--------------|
|           |          |               |          |           |          |              |              | Claim   Claim   Electric   Ele |          |                        |                             |          |         |                 |          |          | hin          |              |                     | Che          | en           |              |      |       |            |          |               | 63       |          |          |              |               |  |              |
|           |          | _             | _        |           |          |              |              |  |          |                        |                             |          |         |                 |          |          |              |              |                     |              |              |              |      |       | ,          |          |               |          |          | -        |              |               |  |              |
|           |          | ✓             | Rejected |           |          |              |              |  |          |                        | (Through numer<br>Cancelled |          |         |                 | al)      |          |              | N            | N                   | Non-Elected  |              |              |      | A     |            | Appeal   |               |          |          |          |              |               |  |              |
| =         |          |               | Δ        | Allowed + |          |              |              |  |          | Restricted             |                             |          |         |                 |          |          | ı            | Interfer     |                     |              | rence        |              |      | 0     |            | Objected |               |          |          |          |              |               |  |              |
| Claim     |          |               |          | Date      |          |              |              |  |          |                        |                             | Claim    |         |                 |          | Date     |              |              |                     |              |              | CI           | aim  |       | Date       |          |               |          |          | _        | _            |               |  |              |
| Final     | Original | 2/24/05       |          |           |          |              |              |  |          |                        |                             | Final    | riginal |                 |          |          |              |              |                     |              |              |              |      | Final | Original   |          |               |          |          |          |              |               |  |              |
|           | 1        | V             |          | ļ         | -        |              | +            | _  | L        |                        | -                           | <u> </u> |         | ļ               |          |          | $\dashv$     | $\dashv$     | 4                   | $\downarrow$ | $\dashv$     | _            |      |       | 101        | _        |               |          | _        |          |              | ╀             | ↓_   | Ļ            |
|           | 2        | N             |          |           |          | t            |              |  |          |                        | 1                           |          | 52      |                 |          |          |              |              |                     | _            |              |              |      |       | 102        |          |               |          | $\vdash$ | $\vdash$ | -            | $\vdash$      |  | $\vdash$     |
|           | 3        | 1             |          | ╀         | 1        | 1            | -            | $\vdash$   | _        | +                      | 4                           |          | 53      | $\sqcup$        |          | $\Box$   | -            | 4            | $\dashv$            | $\perp$      | 1            | _            |      |       | 103        | Ļ        | Ĺ             |          |          | $\Box$   | $oxed{\Box}$ | $\vdash$      | $\vdash$   | $\vdash$     |
|           | 5        | +             | <u> </u> | $\vdash$  | 1        | $\vdash$     | ╁            | +  | $\vdash$ | $\vdash$               | 1                           | -        | 55      | Н               | $\dashv$ | $\dashv$ | $\dashv$     |              | $\dashv$            | +            | $\dashv$     | $\dashv$     |      |       | 104<br>105 | $\vdash$ | $\vdash$      |          | +-       | +-       | $\vdash$     | ╁             | $\vdash$   | -            |
|           | 6        |               |          |           | 1        |              |              |  |          |                        |                             |          | 56      |                 |          |          |              |              |                     | 士            |              |              |      |       | 106        |          |               |          |          |          |              | Ħ             |  |              |
|           | 7<br>8   | #             | _        | $\vdash$  | -        | ├-           | $\vdash$     | $\vdash$   | $\vdash$ | ┼-                     | ł                           |          |         | $\vdash$        | 4        |          | $\perp$      | $\downarrow$ | $-\downarrow$       | _            | 1            | _            |      |       | 107        |          |               |          | F        |          |              | $\sqsubseteq$ | 匚  | $\vdash$     |
|           | 9        | Н             |          | -         | ┢        | ╁╴           | $\vdash$     |  | -        | +-                     |                             |          |         | $\vdash$        | -        |          | +            | ┰┼           | +                   |              | -            | $\dashv$     |      |       | 108<br>109 | -        | _             |          | $\vdash$ | -        |              | +             | ┼  | ├            |
|           | 10       |               |          |           |          |              |              |  |          |                        |                             |          | 60      |                 |          |          | $\downarrow$ |              |                     | $\Box$       | 1            |              |      |       | 110        |          |               |          |          |          |              |               |  | 匚            |
|           | 11<br>12 | ₽             |          | -         | -        | -            | ┝            | -  | -        | -                      |                             |          |         | -               |          | _        | 4            | 4            | _                   | 4            | _            | 4            |      |       | 111        | ļ.,      |               |          | _        | <u> </u> |              | ┡             | ┞  | L            |
|           | 13       |               |          | -         | ╁        | -            | ╁            | -  | ┢        | +                      |                             |          |         |                 |          | $\dashv$ | +            | $\dashv$     | <u> </u>            | +            | -            | $\dashv$     |      |       | 112<br>113 |          |               |          | $\vdash$ | ļ        | ┢            | ╁             | ⊢  | ⊢            |
|           | 14       |               |          |           |          |              |              |  |          |                        |                             |          | 64      |                 |          |          |              |              |                     |              | 1            |              |      |       | 114        |          | -             |          |          | T        |              | T             | <del>                                     </del> |              |
|           | 15<br>16 | V             | _        | ┝         | ┝        | $\vdash$     | -            | -  | ┡        | ┡                      |                             |          |         | Н               |          |          | _            | $\dashv$     | $\dashv$            | 4            | _            | 4            |      |       | 115        |          |               |          |          |          |              | igspace       | _  | L            |
|           | 17       | ×             |          | -         | $\vdash$ | ╁            | ┢            |  | ╁        | ╁                      | 1                           | <u> </u> |         | $\vdash$        | $\dashv$ | -        | ╅            | $\dashv$     | +                   | +            | +            | $\dashv$     |      |       | 116<br>117 |          |               |          | ļ        | ┝        | ╀            | ⊬             | ⊢  | ⊢            |
|           | 18       | ~             |          |           |          |              |              |  |          |                        |                             |          | 68      |                 |          |          |              | T            | $\exists$           | _            | $\top$       |              |      |       | 118        |          |               |          |          | T        | H            | 一             | $\vdash$   | t            |
|           | 19       | 1             |          | L         | ļ.,      | <u> </u>     | ļ <u>.</u>   | _  | ļ        | ┞                      |                             |          | 69      | $\sqcup$        | _        | $\dashv$ | $\perp$      | 4            |                     |              | $\downarrow$ |              |      |       | 119        |          |               |          |          |          |              | $oxed{\Box}$  |  |              |
|           | 20<br>21 | +             | _        |           | ╁╴       | -            | ╁            | $\vdash$   | -        | ┼-                     | 1                           |          | 70      | $\vdash$        | $\dashv$ | $\dashv$ | +            | $\dashv$     | $\dashv$            | +            | +            | $\dashv$     | ŀ    |       | 120<br>121 | H        |               |          | -        | ├-       | ├            | ⊬             | ⊢  | ⊢            |
|           | 22       |               |          |           |          |              |              |  |          |                        |                             |          | 72      |                 |          | T        | $\dagger$    |              |                     | T            |              |              | ŀ    |       | 122        |          |               | -        | _        | $\vdash$ | H            | $\vdash$      | ╁  | <del> </del> |
|           | 23<br>24 | Ш             |          |           | ┡        | -            | ┡            |  | L        | _                      | ł                           |          | 73      |                 | _        | $\dashv$ | 1            | _            | _                   |              |              | $\Box$       |      |       | 123        |          |               |          |          |          |              |               |  |              |
|           | 25       | V             |          | -         | H        |              | ├            | -  |          |                        | ł                           |          |         | -               | $\dashv$ | $\dashv$ | +            | $\dashv$     | +                   | +            | +            | $\dashv$     | -    |       | 124<br>125 |          |               |          | -        | -        | <u> </u>     | $\vdash$      | ⊢  | ┝            |
|           | 26       | Ĺ             |          |           |          |              |              |  |          |                        |                             |          | 76      |                 |          |          |              |              | 7                   | $\top$       | $\dagger$    | $\dashv$     | ł    |       | 126        |          |               |          | -        | -        | ┢            | $\vdash$      | $\vdash$   | ┢            |
|           | 27       |               |          |           |          |              |              |  |          |                        |                             |          | 77      |                 |          |          |              |              | 1                   | $\perp$      |              |              |      |       | 127        |          |               |          |          |          |              | 匚             |  |              |
| -         | 28<br>29 | Н             |          |           | -        | ┢            | -            | -  | -        | ⊬                      |                             |          |         | H               | ᆉ        | $\dashv$ | +            | 4            | 4                   | -+           | +            | -            |      |       | 128<br>129 | _        |               | _        | _        | _        |              | ╀             | ⊬  | <u> </u>     |
|           | 30       | Н             |          | _         | t        |              | 1            | $\vdash$   |          | $\vdash$               |                             |          | 80      | $\vdash$        | +        | $\dashv$ | +            | $\dashv$     | $\dashv$            | +            | +            | $\dashv$     | ŀ    |       | 130        | $\vdash$ | $\dashv$      |          | $\vdash$ | ╁        | $\vdash$     | $\vdash$      | +  | +            |
|           | 31       |               |          |           |          |              |              |  |          |                        |                             |          | 81      |                 |          | 1        |              | I            | $\Box$              |              |              |              | I    |       | 131        |          |               | _        |          |          |              |               |  |              |
| -         | 32<br>33 | $\vdash \mid$ |          | <u> </u>  | $\vdash$ | $\vdash$     | <del> </del> | <u> </u>   | L        | <del>  -</del>         | l                           |          |         | $\vdash$        | _        | 4        | +            | -            | $\dashv$            | +            | 4            | 4            | -    |       | 132        |          |               |          | L        |          | $\vdash$     | $\vdash$      | $\vdash$   | $\vdash$     |
| $\exists$ | 34       | H             |          | $\vdash$  | $\vdash$ | H            | +            | <del> -</del>  | -        | $\vdash$               |                             |          | 84      | $\vdash$        | $\dashv$ | $\dashv$ | +            | +            | $\dashv$            | +            | +            | -            |      | ·     | 133<br>134 | $\vdash$ | $\dashv$      | _        | -        | $\vdash$ | $\vdash$     | -             | -  | <del> </del> |
|           | 35       |               |          |           |          |              |              |  |          |                        |                             |          | 85      |                 |          |          | 土            | $\perp$      |                     |              | $\perp$      |              |      |       | 135        |          |               |          |          |          |              |               |  |              |
|           | 36<br>37 |               |          | $\vdash$  | <u> </u> |              |              | L  | <u> </u> | _                      |                             |          |         | $\sqcup$        | $\dashv$ | 1        | _[           | $\perp$      | 1                   | $\bot$       | 4            | _            | -    |       | 136        |          | $\Box$        |          |          | Г        |              | $\Box$        |  | $\sqsubset$  |
| -         | 38       | $\vdash$      | -        | $\vdash$  | -        | -            |              |  | -        | -                      |                             |          |         | H               | $\dashv$ | +        | -            | +            | +                   | +            | +            | -            | -    |       | 137<br>138 | Н        |               |          | $\vdash$ | $\vdash$ | -            | ├-            | H  | $\vdash$     |
|           | 39       |               |          |           |          |              |              |  |          |                        |                             |          | 89      |                 | _        | _†       | _            |              | _†                  | _+           | +            | _            | -    |       | 139        | Н        |               | _        | $\vdash$ | $\vdash$ | -            | -             | -  | $\vdash$     |
|           | 40       |               |          |           |          |              |              |  |          |                        |                             |          | 90      | Ц               | $\Box$   | $\Box$   | 7            | $\downarrow$ | $\rightrightarrows$ |              | $\downarrow$ | ]            | [    |       | 140        |          |               |          |          |          |              |               |  |              |
|           | 41       | $\vdash$      |          | _         | ⊢        | <del> </del> |              |  | $\vdash$ | -                      | l                           |          |         | $\vdash \vdash$ | +        | +        | $\dashv$     | +            | +                   | $\dashv$     | +            | -            | -    |       | 141<br>142 |          | _             |          | $\vdash$ | -        | <u> </u>     | $\vdash$      |  | Ļ.           |
|           | 43       |               |          | -         | $\vdash$ | $\vdash$     |              | -  | $\vdash$ | $\vdash$               |                             |          | 93      | H               | $\dashv$ | $\dashv$ | +            | +            | +                   | +            | +            | $\dashv$     | ŀ    |       | 142        | $\vdash$ | $\dashv$      |          | $\vdash$ | ├-       | -            | $\vdash$      | $\vdash$   | $\vdash$     |
|           | 44       |               |          |           |          |              |              |  |          |                        |                             |          | 94      |                 | $\Box$   | $\Box$   |              | #            |                     |              | 土            |              | ľ    |       | 144        |          |               |          |          |          |              |               |  |              |
|           | 45<br>46 | $\square$     | _        | -         |          | _            |              | L  | _        | <u> </u>               |                             |          |         | $\square$       | $\dashv$ | $\perp$  | $\perp$      | 1            | $\bot$              | $\bot$       | 1            | _            | [    |       | 145        |          | $\Box$        |          |          |          |              | $\Box$        |  |              |
|           | 47       | $\vdash$      |          | <b>-</b>  | H        | $\vdash$     | -            |  |          | -                      |                             |          |         | $\vdash$        | $\dashv$ | +        | +            | +            | $\dashv$            | +            | +            | -            | ŀ    |       | 146<br>147 | $\vdash$ |               |          |          | -        | ļ            | -             | $\vdash$   | $\vdash$     |
|           | 48       |               |          |           |          |              |              |  |          |                        |                             |          | 98      | H               | _†       | _†       | _            | +            | _                   | +            | +            | $\dashv$     | ŀ    | _     | 148        | $\dashv$ |               | $\dashv$ |          |          | -            | H             | H  | $\vdash$     |
|           | 49       |               |          |           |          |              |              |  |          |                        |                             |          | 99      |                 |          | 1        | $\perp$      | $\perp$      | 1                   |              | $\perp$      |              |      |       | 149        |          |               |          |          |          |              |               |  |              |
|           | 50       |               |          |           | ı        | Ī            | ı            |  |          | l                      |                             |          | 100     | ΙÍ              | - [      |          | - 1          | - [          | - 1                 | T            | Г            |              | :::[ |       | 150        |          | $\overline{}$ |          |          |          |              |               |  |              |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination